

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 10/712,530
Attorney Docket No.: Q78179

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-9. (canceled).

10. (currently amended): A nonaqueous secondary electrolytic battery comprising:

an electricity-generating element having comprising:

a positive electrode plate and a negative electrode plate ~~opposed to each~~

~~ether~~ with a separating material interposed therebetween; and

~~lead terminals electrically connected to said electrode plates, respectively; and~~

a battery case accommodating said electricity-generating element therein,

~~which is wherein said battery case has a portion which being made of includes two a resin~~

~~sheets each comprising -a heat fused layer, accommodating said electricity generating element~~

~~therein, and having a welded portions portion in which overlapped portions of the said resin~~

~~sheet sheets are sealed together, said lead terminals extending through one of said welded~~

~~portions welded together, being superimposed over each other so that each of said heat fused~~

layers are integrated together;

~~wherein the thickness of one of said welded portions is greater at an inner end thereof~~

~~than at an outer relationship X < Y is met, where X is a total thickness of said heat fused layers~~

~~welded in said welded portion at an outer end thereof, and Y is a total thickness of said heat~~

fused layers welded in said welded portion at an inner end thereof.

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11. (currently amended): The nonaqueous secondary electrolytic battery according to Claim 10, wherein said positive electrode plate and said negative electrode plate are wound about a winding axis, such that said electricity-generating element has an ellipsoidal cross-sectional shape, and

~~wherein said nonaqueous secondary electrolytic battery is produced by accommodating said electricity-generating element is received in said battery case, such that the winding axis is perpendicular to one of said welded portions a plane of an opening of said battery case.~~

12. (previously presented): The nonaqueous secondary electrolytic battery according to Claim 10, wherein said resin sheet is a metal-laminated film comprising a metal foil and a resin layer laminated on each other.

13. (previously presented): The nonaqueous secondary electrolytic battery according to Claim 11, wherein said resin sheet is a metal-laminated film comprising a metal foil and a resin layer laminated on each other.

Claims 14-33. (canceled).

34. (currently amended): A nonaqueous secondary electrolytic battery comprising: an electricity-generating element having a positive electrode plate and a negative electrode plate opposed to each other with a separating material interposed therebetween, ~~and a~~

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positive lead terminals terminal electrically connected to said positive electrode plates plate,
respectively and a negative lead terminal electrically connected to said negative electrode plate;
and

a battery case, which is made of a resin sheet having welded portions in which overlapped portions of said resin sheet are welded together, accommodating said electricity-generating element therein, said lead terminals extending through one of said welded portions; wherein said positive lead terminals are each terminal is bent at a positive bent portion outside said battery case at a radius of from 0.5 mm to 4 mm; and
said negative lead terminal is bent at a negative bent portion outside said battery case at a radius of from 0.5mm to 4mm.

35. (currently amended): The nonaqueous secondary electrolytic battery according to Claim 34, wherein said positive bent portion of each of said lead terminals or said negative bent portion is covered by a resin layer.

36. (previously presented): The nonaqueous secondary electrolytic battery according to Claim 35, wherein said resin layer is a resin tube of material that is different from the material of said battery case.

37. (previously presented): The nonaqueous secondary electrolytic battery according to Claim 35, wherein said resin layer is a partially extended portion of said resin sheet.

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Claims 38. - 61. (canceled).

62. (new): The nonaqueous secondary electrolytic battery according to Claim 34,
wherein there is no bent portion in said positive lead terminal except for said positive bent
portion, and

there is no bent portion in said negative lead terminal except for said negative bent
portion.